

# Power Cost Memorandum Fuel Cost Update and Purchased Power Update

Date: November 4, 2021

Utility Name (Cert. No.) <b>CITY OF ST. PAUL (339)</b>	Utility File No. <b>PC19-0320I</b>	Date Filed: <b>October 13, 2021</b>
---	---------------------------------------	--

PCE AMOUNT SUMMARY	Previously Approved PC19-0320H	Staff Recommended Amount(s) and Effective Date PC19-0320I
Class Rate	<u>Date Approved:</u> October 8, 2021	November 5, 2021
Residential	\$0.2097	\$0.2097
Community Facility	\$0.2797	\$0.2797
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <span style="margin-left: 100px;"><input type="checkbox"/> Interim   <input checked="" type="checkbox"/> Permanent</span>		

Prior Fuel Purchase Price: \$ 3.4000	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	New Fuel Purchase Price: \$ 3.4000	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____	Updated _____	

Signed: *Brenda Cox*  
Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 11/4/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKT</i>		
Scott		<i>AGS</i>		
Sullivan		<i>RMP</i> for DS		
Wilson		<i>JWW</i>		

*Special Instructions to Staff:*

\* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# CITY OF ST. PAUL

APPENDIX 1

POWER COST EQUALIZATION CALCULATION  
 BASED ON TEST YEAR ENDING DECEMBER 31, 2014  
**Fuel Cost Update and Purchase Power Update**

	PC19-0320H	PC19-0320I
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	3,323,897	3,323,897
B. Total kWh Sold (Appendix 2)	2,811,112	2,811,112
C. Total Non-Fuel Costs (Appendix 2)	778,595	778,595
<b>D. Non-Fuel Cost/kWh (C / B)</b>	<b>\$0.2770</b>	<b>\$0.2770</b>
E. Total Fuel and Purchased Power Costs (Appendix 2)	776,016	773,253
<b>F. Fuel and Purchased Power Costs/kWh (E/B)</b>	<b>\$0.2761</b>	<b>\$0.2751</b>
G. Eligible Costs/kWh (D + F)	\$0.5531	\$0.5521
<b>H. Eligible Cost/kWh (G) less base rate in effect</b>	<b>\$0.3528</b>	<b>\$0.3518</b>
I. <b>Lesser of (H) or 79.97 cents/kWh</b>	\$0.3528	\$0.3518
J. Average Class Rates (Appendix 3)		
Residential	\$0.2097	\$0.2097
Community Facility	\$0.2797	\$0.2797
Lesser of: (I) x 95% or (J)		
K. Residential	\$0.2097	\$0.2097
Community Facility	\$0.2797	\$0.2797
<b>Funding Level in Effect</b>	100%	100%
L. Residential	<b>\$0.2097</b>	<b>\$0.2097</b>
Community Facility	<b>\$0.2797</b>	<b>\$0.2797</b>

PC19-0320I  
 Appendix 1

# CITY OF ST. PAUL

APPENDIX 2

## SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY BASED ON TEST YEAR ENDING DECEMBER 31, 2014 Fuel Cost Update and Purchase Power Update

		PC19-0320H	PC19-0320I	
		Prior Commission Approval	Utility Request	Per Staff
<b>Non-Fuel Costs:</b>				
A.	Personnel Costs	206,985	206,985	206,985
B.	Operating Expense	77,470	77,470	77,470
C.	General & Administrative	182,937	182,937	182,937
D.	Depreciation	145,267	145,267	145,267
E.	Interest Expense	1,184	1,184	1,184
F.	Other (Describe)			
	Fin.Dept. 10% Allocation			
	Admin. Allocation Exp.	164,752	164,752	164,752
	Munic. Serv. 7% Allocation			
	Less Misc. Revenue	0	0	0
<b>G.</b>	<b>Total Non-Fuel Costs</b>	<b>\$778,595</b>	<b>\$778,595</b>	<b>\$778,595</b>
<b>Fuel Costs:</b>				
H.	Gallons Consumed for Electric Generation	223,818	223,818	223,818
I.	Most Recent Price <sup>(1)</sup>	\$3.4000	\$3.4000	\$3.4000
		9/30/2021		
<b>J.</b>	<b>Total Fuel Costs</b>	<b>\$760,981</b>	<b>\$760,981</b>	<b>\$760,981</b>
K.	kWh Purchased during test year	152,635	152,635	152,635
L.	Cost per kWh	\$0.0985	\$0.0804	\$0.0804
<b>M.</b>	<b>Total Purchased Power</b>	<b>\$15,035</b>	<b>\$12,272</b>	<b>\$12,272</b>
<b>N.</b>	<b>Total Cost of Fuel and Purchased Power</b>	<b>\$776,016</b>	<b>\$773,253</b>	<b>\$773,253</b>
O.	kWh Generated	3,171,262	3,171,262	3,171,262
	kWh Purchased	152,635	152,635	152,635
	Total Generated and Purchased	3,323,897	3,323,897	3,323,897
P.	kWh Sales	2,811,112	2,811,112	2,811,112
Q.	kWh Station Service	186,983	186,983	186,983
R.	Efficiency (O/H)	≥	14.17	14.17
		Standard		
		12.50		
S.	Line Loss	≤	9.80%	9.80%
		12%		
(KWh Generated -(kWh sold+Station Service))/kWh Generated				

<sup>(1)</sup> Note: Utility is allowed 30 cents/gallon markup for storage and delivery above the City's invoiced price.

PC19-0320I  
Appendix 2

UTILITY NAME: **ST. PAUL MUNICIPAL ELECTRIC UTILITY**  
**CALCULATION OF AVERAGE CLASS RATE PER kWh**

Rate Schedule: Residential

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.4100		0.4100	205.0000		
to						
to						
to						
<b>Max</b> <b>500</b>			<b>Total</b>	<b>205.0000</b>	<b>0.4100</b>	<b>0.2097</b>

Rate Schedule: Community Facilities

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.4800		0.4800	240.0000		
to						
to						
to						
<b>Max</b> <b>500</b>			<b>Total</b>	<b>240.0000</b>	<b>0.4800</b>	<b>0.2797</b>

Power Purchased from  
 Tanadgusix Corporation  
 3601 C Street, Suite 1000-10  
 Anchorage, AK 99503

Date	kWh Purchased	Energy Charge	RCC	City Consumed	Total Bill
10/31/20	7,220	1,046.90	4.28	-562.27	488.91
11/30/20	25,398	3,682.71	15.06	-392.35	3,305.42
12/31/20	17,240	2,499.80	10.22	-373.47	2,136.55
1/31/21	27,543	3,993.74	16.33	-293.23	3,716.84
2/28/21	0	0.00	0.00	-300.31	-300.31
4/6/21	0	0.00	0.00	-331.58	-331.58
4/30/21	0	0.00	0.00	-321.55	-321.55
6/8/21	0	0.00	0.00	-334.53	-334.53
7/21/21	0	0.00	0.00	-323.91	-323.91
9/14/21	0	0.00	0.00	-1,008.31	-1,008.31
9/14/21	0	0.00	0.00	-480.85	-480.85
9/30/21	0	0.00	0.00	-323.91	-323.91
<b>Total</b>	<b>77,401</b>	<b>11,223.15</b>	<b>45.89</b>	<b>-5,046.27</b>	<b>6,222.77</b>

Total kWhs purchased	77,401
Total paid	6,222.77
Cost per kWh	<u>0.0804</u>

Signature: 

Email: bob.pickett@alaska.gov

Signature:   
Keith Kurber II (Nov 4, 2021 08:26 AKDT)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature:   
Janis W. Wilson (Nov 4, 2021 15:32 AKDT)

Email: janis.wilson@alaska.gov